

### Abstract of the Disclosure

A frame, which is the data unit, is extracted without decoding MPEG audio data. Then, a scale factor  
5 included in the frame is extracted and an evaluation function is calculated based on the scale factor. If the value of the evaluation function is larger than a prescribed threshold value, the speed of the frame is converted. If the value of the evaluation function  
10 is smaller than the prescribed threshold value, the frame is judged to be a frame in a silent section and neglected. The speed conversion is made by thinning out frames or repeating the same frame as many times as required according to prescribed rules.

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